



Quentin Gautier-Bourbon

Full Stack Java / Angular Tech Lead · Team Manager

12 years of experience · Nantes, France · 37 years old
+33 6 45 48 99 88 · q.gautier.7@gmail.com · quentin-gautier.fr · LinkedIn

PROFILE

Full Stack Tech Lead specialized in **legacy application modernization** (Java 8/JSP → Java 25/Spring/Angular), web architecture and **development team management**. Team Manager and AI referent for the Nantes team. Experience in demanding sectors: aviation (Air France), energy (TotalEnergies), manufacturing (Toyota, Michelin), public services (CNOUS / CROUS network, ENIM).

KEY SKILLS

Backend	Java 8 → 25, Spring Boot, Spring Batch, REST APIs, Hibernate/JPA, Quarkus, J2EE/JBoss/Tomcat, IBM ODM, Python, PHP/Symfony
Frontend	Angular 9 → 22, TypeScript, RxJS, reactive forms, HTML5/CSS3, responsive design
Architecture	Legacy migration, REST architecture, microservices, DDD, clean code, design patterns
Data	Advanced SQL, Oracle, PostgreSQL, MySQL/MariaDB, DB2, data modeling, Pentaho ETL
Cloud & DevOps	Azure (AZ-900, AZ-204), GitLab CI/CD, Jenkins, Bamboo, Docker, Maven, Git
Quality & testing	JUnit 5, Mockito, Testcontainers, Jest/Karma/Jasmine, Cypress/Playwright, SonarQube
Security	Spring Security, Keycloak/OAuth2/OIDC, OWASP Top 10
AI	GitHub Copilot, Claude Code, team AI referent
Management	Team management (7 developers), technical leadership, mentoring, code review, Agile/Scrum
R&D	Operations research, combinatorial optimization, GLPK, CPLEX and LocalSolver solvers
Linux	Debian, Apache (reverse proxy, HTTPS), DNS/DHCP, fail2ban, nftables, Raspberry Pi

EXPERIENCE

Full Stack Java Angular Tech Lead & Team Manager · Magellan · CNOUS, Nantes since Oct 2024
Lead the transformation of the CROUS network applications towards a modern, scalable stack.

Technical leadership

- Technical lead of the critical Java 8/JSP → Java 25/Spring/Angular 22 migration, with a project team of 6 developers
- Designed a macro-services POC, validated and then adopted by another CNOUS team; led 2 developers on that migration
- Reduced technical debt: obsolete web services decommissioned and replaced with REST APIs
- Application maintenance support and technical guidance for business teams

Team Manager

- Line manager of 7 developers, separate from the project team: career advisor and first line of support, liaison with the Delivery Manager

AI Referent

- AI referent for the Nantes team: organization and knowledge-sharing meetings on coding assistants (GitHub Copilot, then Claude and Mistral)

Stack: Java 8-11-21-25, JSP, Spring Boot, Spring Batch, Angular 22, MariaDB, GitLab CI/CD, Redmine

Full Stack Java Angular Engineer · Conserto · TotalEnergies AS24, Saint-Herblain May 2023 – Oct 2024
B2B fleet management platform: vehicles, toll tags and fuel cards.

- Developed and maintained a critical application managing thousands of vehicles and cards
- Rewrote complex batch jobs with Spring Batch / Java 21: faster and more reliable bulk processing
- Continuous delivery of new features, built together with business teams

Stack: Java 8-17-21, Spring Boot, Spring Batch, Angular 15, Oracle, GitLab CI/CD, Jenkins, Jira

EXPERIENCE (CONTINUED)

Full Stack Java Angular Engineer · Conserto · Air France, Paris

Jan 2022 – Apr 2023

Critical applications for the IT Maintenance & Repair division.

- Took over a post-COVID MVP, fully redesigned its architecture and shipped it to production
- Fixed critical security vulnerabilities and performed major version upgrades
- Faster response times and improved stability through performance optimization
- 2 applications migrated and deployed to Azure, leading the collaboration with Accenture India

Stack: Java 8/11, Spring Boot, Hibernate, Angular 14, PostgreSQL, Azure, Bamboo, GitHub, Python

Java Engineer · Conserto · Michelin, Saint-Herblain

Nov – Dec 2021

- Debugged and brought the agricultural tire pressure calculation engine back into production
- Security audit, remediation of critical vulnerabilities and migration to Quarkus microservices

Stack: Java 11, Quarkus, Hibernate, MySQL (Azure), GitHub

Full Stack Java Angular Engineer · ACII · Xloan (by open), Nantes

Apr 2020 – Oct 2021

Multi-sector financial software package: lending, real estate, leasing, cinema.

- Designed REST APIs opening the software package to external partners
- Optimized bulk processing of large volumes of financial data
- Business reports and dashboards, customer portal enhancements

Stack: J2EE 8, Spring, Hibernate, Angular 9, JSP, Cobol, DB2, MySQL

ERP & Web Development Engineer · ACII · Toyota Material Handling, Ancenis

Apr 2019 – Apr 2020

- Customized the Odoo v8 ERP (Python) for the plant's business processes
- Web purchasing platform (PHP/Symfony) and a management tool for the special machines team, with Toyota Sweden
- Managed and optimized data flows with Pentaho ETL

Stack: Odoo v8, Python 2, PHP, Symfony 1.4, Docker, Pentaho, MySQL, PostgreSQL, J2EE, Struts

Java Engineer, Business Rules Engine · Pacte Novation · ENIM, Lorient

Jan 2017 – Apr 2019

- Developed the IBM ODM rules engine calculating pensions for thousands of seafarers
- Kept the engine compliant with each regulatory change: income tax withholding, pension reform, sickness benefits
- Technical documentation (DCR) and functional analysis, working closely with business teams

Stack: IBM JRules 7, J2EE, Spring Batch, Hibernate, JBoss, Tomcat, Oracle, Maven, UNIX

R&D Engineer, Operations Research · Segula Engineering, Montoir-de-Bretagne

Jan 2014 – Dec 2016

- MAPEO project: optimization algorithms for offshore wind turbine placement
- Mathematical modeling: fluid mechanics, wake effects, durability models
- Supervised interns on technical topics (physics, algorithms)

Stack: Python, GLPK, CPLEX, LocalSolver

TRAINING & CERTIFICATIONS

First Management · Magellan, Nov 2026

Tech Lead Postures · Conserto Academy, 2023

Microsoft Azure AZ-900 & AZ-204 · Microsoft certifications obtained in 2022

Angular Framework Mastery · ORSYS, 2021

Master's in Computer Science, Operations Research · University of Nantes, with honors, 2014

Bachelor's in Computer Science · University of Nantes, 2011 · **DUT in Computer Science** · IUT of Nantes, 2010

INTERESTS

Self-hosting · Raspberry Pi hosting this resume, ESP32 home automation

Hyrox · race in Vendée, Malaga coming up; running, mountain biking

Baking · the only cookies I set without a consent banner

Strategy games, Japanese culture

LANGUAGES

French · native

English · professional

German, Spanish · school level